

shurkote db

ultrakote™
by **cemix**

Base Coat - Dry Powder Base Coat Adhesive



SHURKOTE DB is a cement, silica sand and 100% acrylic polymer based material that is used as an EPS insulation board adhesive and / or a base coat.

Uses:

Shurkote db is primarily used as a base coat to embed reinforcing mesh, as well as adhering EPS insulation board to approved substrates. Shurkote db can be used as an adhesive over Dens Glass Gold (ASTM C1177); water resistant core gypsum sheathing (ASTM C1396). Shurkote db can also be used as an adhesive over concrete, concrete masonry, stucco and other approved substrates.

Features:

- Versatile
- User friendly
- Freeze Resistant

Benefits:

- Can be used over multiple prepared substrates
- Mixes easily with long open time
- Dry powder can be stored in cold areas

Surface Preparation:

Surface must be clean and free of bonding-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release agents or any other contaminants. Remove and repair any loose paint, mortar, stucco, concrete or masonry by water blasting, sand blasting, scraping or using a wire brush. Substrate should be sound and securely fastened.

Product Specifications:

Packaging:

50 lbs. (22.6 kg) paper bag

Coverage:

Approximate coverage as an adhesive for adhering EPS insulation board is 150 sq. ft.

Approximate coverage for embedding reinforcing mesh is 140 sq. ft.

Color:

Light grey

Storage:

Store in cool dry place away from direct sunlight.

Clean up:

Clean tools immediately after use. Remove all debris from the surrounding areas immediately following the application process.

Shelf Life:

1 year

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Mixing:

To begin place 4 quarts of clean potable water into a clean plastic pail. Slowly add the Shurkote db and mix with a drill mixer and Jiffler paddle or similar paddle. Do not exceed 400 rpm when mixing or the product could be air-entrained which will decrease strengths and bonding characteristics. Mix completely and allow to stand for 5 minutes. Re-mix the plaster for 1 minute before applying. A small amount of water may be added until desired consistency is achieved. If working in hot conditions or a longer open time is desired, ice down water prior to mixing.

Application:

The EPS surface must be rasped flat with no irregularities greater than 1/16" in a 4' span. **Back wrap:** complete the back wrapping of all exposed edges of the EPS insulation board prior to embedding the reinforcing mesh over wall surface.

To embed Mesh: Apply Shurkote db with stainless steel trowel uniformly to the entire insulation board surface at approximately 3/32". Immediately place reinforcing mesh against the wet Shurkote db avoiding wrinkles, trowel from the center outward until mesh is completely embedded. The mesh should be continuous at all corners and lapped or butted in accordance with Shurkote's recommendations. Thickness of product should be enough to completely hide and embed the reinforcing mesh.

As an adhesive: For application over approved sheathing, using a stainless notch trowel, (3/8" x 3/8" x 3/8") apply the mixed shall stand out 3/8" from the surface of the insulation board. Apply Shurkote db with the ribbons running vertical across the 2" dimension of the insulation board.

Curing / Drying:

Shurkote db needs to be protected from rain and allowed to cure for at least 24 hours.

Limitations:

Shurkote db should be applied when surface and ambient conditions are between 40°F and 110°F during application and cure time. Weather conditions may affect drying time.

Precaution:

KEEP OUT OF THE REACH OF CHILDREN.
Not for internal consumption.
Do not apply in non-ventilated areas.
Use protective equipment such as gloves, eye protection and clothing.

First Aid:

In case of eye contact, flush with water at least 15 minutes. In case of skin contact, wash affected areas with soap and water. If irritation persists, SEEK MEDICAL ATTENTION. Remove and wash contaminated clothing. If inhalation causes physical discomfort, remove to fresh air. If discomfort continues, any breathing difficulty occurs or if swallowed, SEEK MEDICAL ATTENTION. For additional information refer to the material Safety Data Sheet (MSDS).

Disposal:

Dispose of in accordance with local, state or federal regulations.

Warning:

KEEP OUT OF THE REACH OF CHILDREN.
NOT FOR INTERNAL CONSUMPTION, FOR INDUSTRIAL USE ONLY.

Spills:

Scrape up and wash with water immediately. If material has set, scrape material with appropriate tools and clean with citric acid.

Prop 65:

This product contains material listed by the state of California known to cause cancer, birth defects or other reproductive harm.

Technical support:

For technical support call 1-602-272-5830. Information contained in this product Information Guide conforms to the standard detail recommendations and specifications for the installations of Ultrakote Products as of the date published on this document. Ultrakote Products, Inc. assumes no liability, expressed or implied, as to architecture, engineering or workmanship of any project. To insure that you are using the latest, most current information, contact Ultrakote Products, Inc. or visit website at: www.ultrakoteproducts.com